

Work Order ID 60404

July 7, 2010 10:00:53 AM

Page 1

Item ID: D206-558-043

Accept

Revision ID:

Item Name: Dual Cargo Mirror Assembly

Start Date: 7/07/10 Start Qty: 2.00

Required Date: 7/14/10 Req'd Qty: 2.00

Reference:

Approvals: Process Plan: CZ Date: 10/7/17 Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Cust Item ID:

Customer:

Setup Start

Stop

Run Start

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
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IIN D206-558	Rev C
--------------	-------

0.00

0.00

0.00

0.00

0.00

0.00

DOCUMENT CONTROL

Memo

Photocopy bluefile and create labels per PPP D206-558-043 CHG008

Small-Fab

Memo

1- assemble as per dwg D206-558

QC5- Inspect part completeness to step on W/O

Memo

8.10.08/04

10/08/04 ②

10/08/03 ②

②

W/O:			WORK ORDER CHANGES					
DATE	STEP		PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Page 2

Item ID: D206-558-043
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Start Date: 7/07/10 Start Qty: 2.00
Required Date: 7/14/10 Req'd Qty: 2.00

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 Pick Kit		0.00							
Packaging	Memo	0.00							
Packaging									
140 QC	QC4- 100% Inspect kits for completeness	0.00							
Quality Control	Memo	0.00							
150 Packaging	Packaging	0.00							
Packaging	Memo	0.00							
	Identify and pack for shipping as per PPP D206-558-043								
	Location: _____								
	PPP Rev: _____								

Accept

Setup Start

Stop

Cust Item ID:

Customer:

Run Start

Stop

Pep/8/4 (2)

(x2)

Pep/8/4 (2)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

Work Order ID 60404

July 7, 2010 10:00:53 AM

Page 3

Item ID: D206-558-043
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Accept

Start Date: 7/07/10 Start Qty: 2.00
Required Date: 7/14/10 Req'd Qty: 2.00

Cust Item ID:
Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Setup Start

Stop

Run Start

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160	QC21 - Final Inspection - Work Order Release	0.00							
QC	Memo	0.00							
Quality Control									

10/08/05

MF

10-08-05

W/O:			WORK ORDER CHANGES					
DATE	STEP		PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

July 7, 2010 10:00:52 AM

Page 1

Work Order ID: 60404

Parent Item: D206-558-043

Parent Item Name: Dual Cargo Mirror Assembly

Start Date: 7/07/10

Required Date: 7/14/10

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP G02.09.19 Re-format; Incorporated D2066 KJ
IPP Rev:H 08-05-14 now @ chg006/ add D3778-1 per ECN1171 DD verified:
IPP Rev:I 08-08-19 now @ chg 007 DD verified by:ec

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

MS21042L3

Purchased

No

120

Each

2,871.000

2



Nut

Location

Loc Qty

ST300	2871
114523	389
114718	482
114784	2000

140

Each

1,342.000

8

AN3-4A

Purchased

No

140

Each

1,342.000

8



Bolt

Location

Loc Qty

ST350	1342
104214	213
104291	300
104322	200
104374	200
104625	300
104817	129

140

Each

102.0000

8

AN526-1032R9

Purchased

No

140

Each

102.0000

8



Screw

Location

Loc Qty

ST328	102
113928	1
114382	101

Loc Code

111971P

1114214

114352

W/O:			WORK ORDER CHANGES					
DATE	STEP		PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

July 7, 2010 10:00:52 AM

Work Order ID: 60404

Parent Item: D206-558-043

Parent Item Name: Dual Cargo Mirror Assembly

AN960JD10L NAS1149D0332J Purchased No



S₊₂

Washer

D2011-101 Manufactured No



6" Mirror

D2053 Manufactured No



S₂

Mounting Bracket

D2067 Manufactured No



S₂

Connector

Location	Loc Qty
ST348	3301
110985	3301
	140 Each

Location	Loc Qty
ST231	28
58398	28
	140 Each

Location	Loc Qty
ST005	34
47595	2
58395	32
	140 Each

Location	Loc Qty
ST006	8
54698	8

Start Date: 7/07/10

Start Qty: 2.00

Required Date: 7/14/10

Required Qty: 2.00

3,301.000



12

Loc Code

28.0000



4

Loc Code

34.0000



12

Loc Code

8.0000



2

Loc Code

54698

D2066

Arm

1107

1 each x B 52 577

20

EP 10/08/03

#10

July 7, 2010 10:00:52 AM

Shop Packet Print

Page 2

W/O:			WORK ORDER CHANGES					
DATE	STEP		PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
10.27.21			Add to BOM D2066				LL 120729	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:			WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector	
			Initial Chief Eng	Action Description Chief Eng	Sign & Date				

NOTE: Date & initial all entries

Picklist Print

July 7, 2010 10:00:52 AM

Work Order ID: 60404

Parent Item: D206-558-043

Parent Item Name: Dual Cargo Mirror Assembly



D2071 Manufactured No 140 Each



Cable Assembly

Location	Loc Qty
ST222	7
57578	1
58201	6

D3778-1 Manufactured No 140 Each



Bracket

Location	Loc Qty
ST227	20
56316	20

MS21919-DG5 Purchased No 140 Each



Clamp

Location	Loc Qty
ST307	40
114988	40
ST319	6
114761	6

MS35489-9 Purchased No 140 Each



Grommet

Location	Loc Qty
ST296	89
107376	9
109371	80

Start Date: 7/07/10

Required Date: 7/14/10

Start Qty: 2.00

Required Qty: 2.00

7.0000



2

Loc Code

20.0000



58201

1/2

Loc Code

46.0000



56316

1/4

Loc Code

89.0000



2

Loc Code

114988

2

July 7, 2010 10:00:52 AM

Shop Packet Print

W/O:			WORK ORDER CHANGES					
DATE	STEP		PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

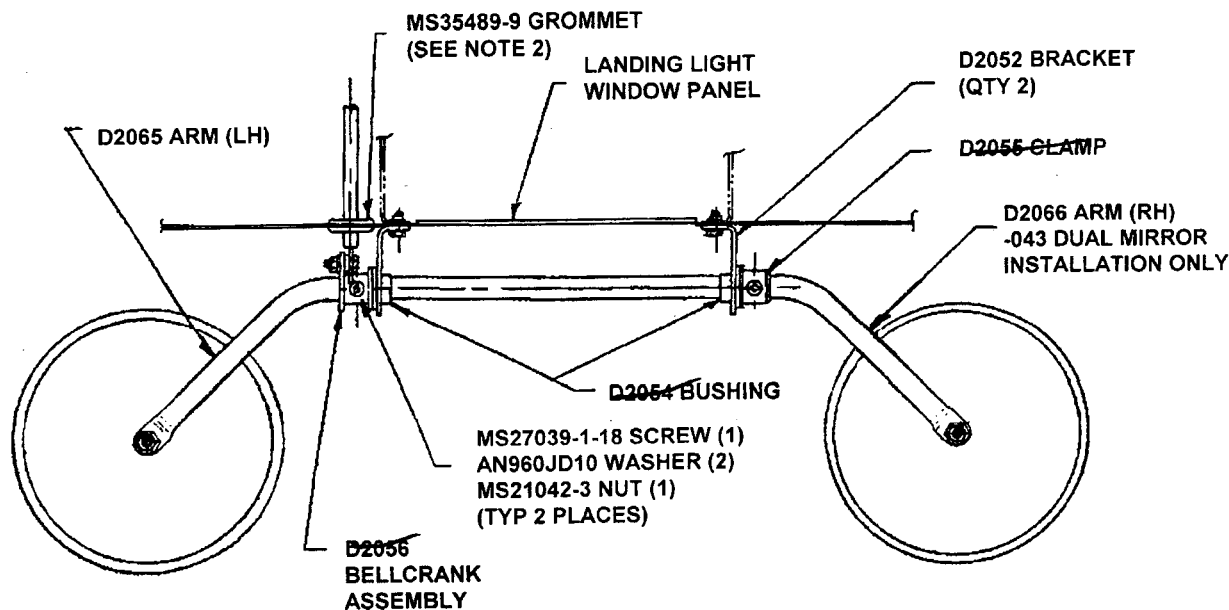


Figure 25.2 – View A: Looking Aft.
(D206-558-043 Mirror Shown)

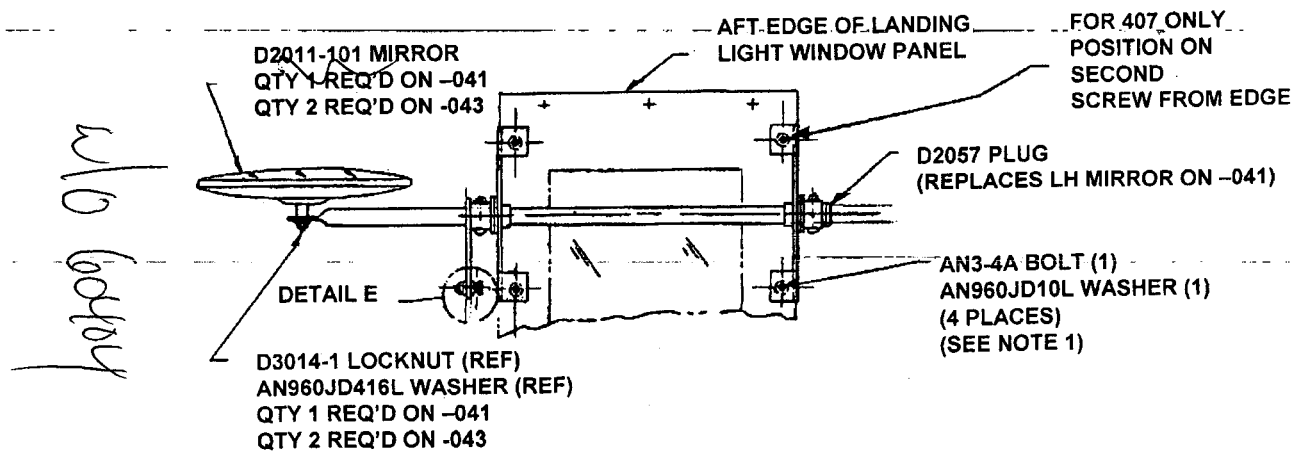


Figure 25.3 – View C: Looking Down on Mirror Installation
(D206-558-041 Mirror Shown)

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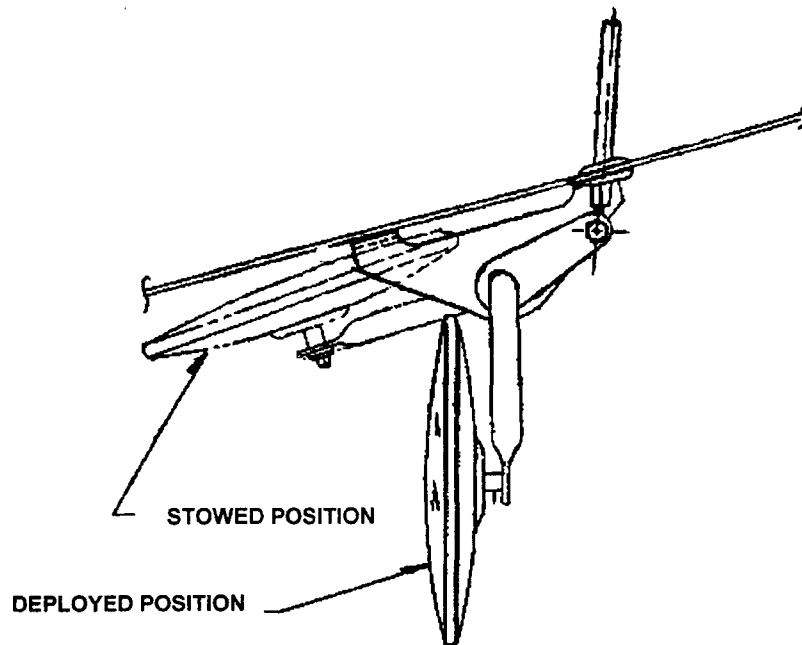


Figure 25.4 – Detail D: Looking from Side on Mirror Installation
(D206-558-041/-043 Mirror Shown)

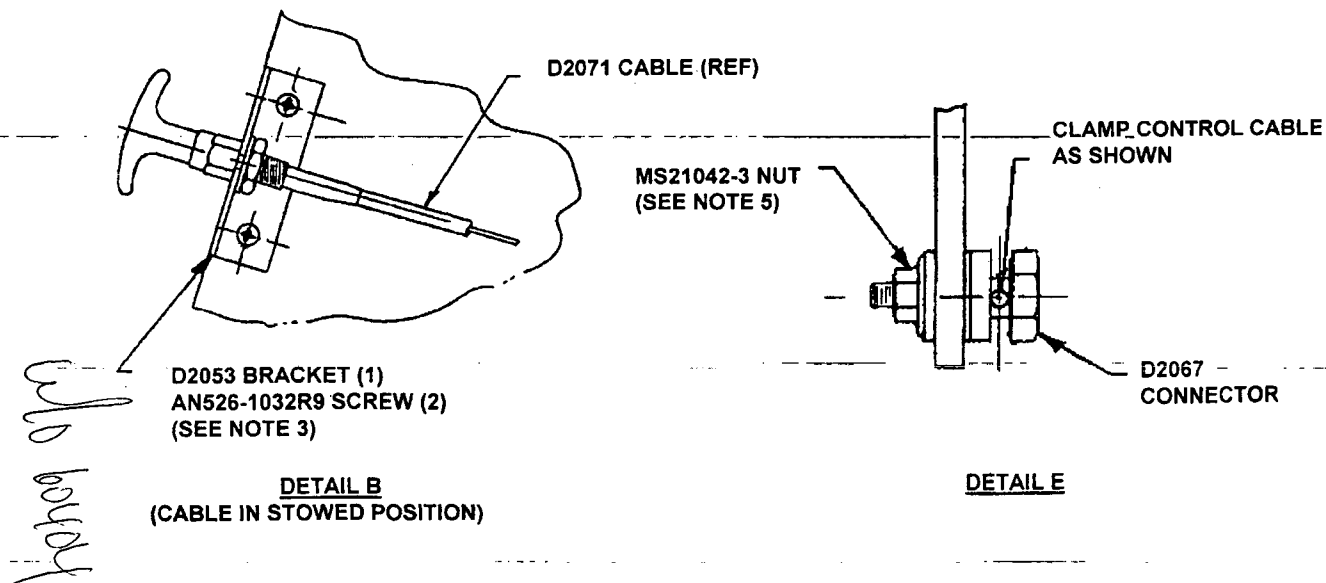


Figure 25.5 – Details B and E on Mirror Installation
(D206-558-041/-043 Mirror Shown)

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REFERENCE ONLY

FROM THIS POINT FORWARD, CUSTOMERS SHOULD ORDER D407-558-045/-047 IN LIEU OF D206-558-041/-043 WHEN PROCURING SINGLE/DUAL MIRRORS FOR BHT 407 MODELS. AMEND SECTIONS 4.0 AND 5.0 OF INSTALLATION INSTRUCTIONS D206-558 REV. C OR EARLIER AND 25.3 AND 25.4 OF ICA-D206-558 REV. 0 AS FOLLOWS:

4.0 WEIGHT AND BALANCE (D206-558 REV. C OR EARLIER)

25.3 WEIGHT AND BALANCE (ICA-D206-558 REV. 0)

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D206-558-041	2.4 lb	+5.0 in	+12.0 in-lb	+14.8 in	+35.5 in-lb
Bell 206A/B/L/L1/L3/L4	1.09 Kg	+0.13 m	+0.14 m-Kg	+0.38 m	+0.41 m-Kg
D206-558-043	3.0 lb	0.0 in	0.0 in-lb	+14.8 in	+44.4 in-lb
Bell 206A/B/L/L1/L3/L4	1.36 Kg	0.0 m	0.0 m-Kg	+0.38 m	+0.52 m-Kg
D407-558-045	2.4 lb	+5.0 in	+12.0 in-lb	+14.8 in	+35.5 in-lb
Bell 407	1.09 Kg	+0.13 m	+0.14 m-Kg	+0.38 m	+0.41 m-Kg
D407-558-047	3.0 lb	0.0 in	0.0 in-lb	+14.8 in	+44.4 in-lb
Bell 407	1.36 Kg	0.0 m	0.0 m-Kg	+0.38 m	+0.52 m-Kg

5.0 PARTS LIST (D206-558 REV. C OR EARLIER)

25.4 PARTS LIST (ICA-D206-558 REV. 0)

Qty -041	Qty -043	Qty -045	Qty -047	Part Number	Description
X				D206-558-041	SINGLE CARGO MIRROR ASSEMBLY
	X			D206-558-043	DUAL CARGO MIRROR ASSEMBLY
		X		D407-558-045	SINGLE CARGO MIRROR ASSEMBLY
			X	D407-558-047	DUAL CARGO MIRROR ASSEMBLY
1	2	1	2	D2011-101	MIRROR ASSEMBLY
2	2	2	2	D2052	BRACKET
1	1	1	1	D2053	BRACKET
2	2	2	2	D2054	BUSHING
1	1	1	1	D2055	CLAMP
1	1	1	1	D2056	BELLCRANK ASSEMBLY
1		1		D2057	PLUG
1		1		D2065	ARM
	1		1	D2066	ARM
1	1	1	1	D2067	CONNECTOR
1	1			D2071	CABLE ASSEMBLY
		1	1	D2071-3	CABLE ASSEMBLY
1	2	1	2	D3014-1	* LOCKNUT
1	1	1	1	D3778-1	BRACKET
4	4	4	4	AN3-4A	BOLT
4	4	4	4	AN526-1032R9	SCREW
1	2	1	2	AN960JD416L	* WASHER
4	4	4	4	AN960JD10	WASHER
6	6	6	6	AN960JD10L	WASHER
3	3	3	3	MS21042-3	NUT (or MS21042L3)
2	2	2	2	MS21919DG5	CLAMP
2	2	2	2	MS27039-1-18	SCREW
1	1			MS35489-9	GROMMET
		1	1	MS35489-67	GROMMET

* INCLUDED AS PART OF D2011-101 MIRROR ASSEMBLY

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 08.12.04

CERT. NO.: SH92-17

ISSUE NO.: 7

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
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